



NOAA
FISHERIES

SWFSC

**Fisheries
Resources
Division**



10.1 Fishery-Dependent Data Used in Tuna Assessments

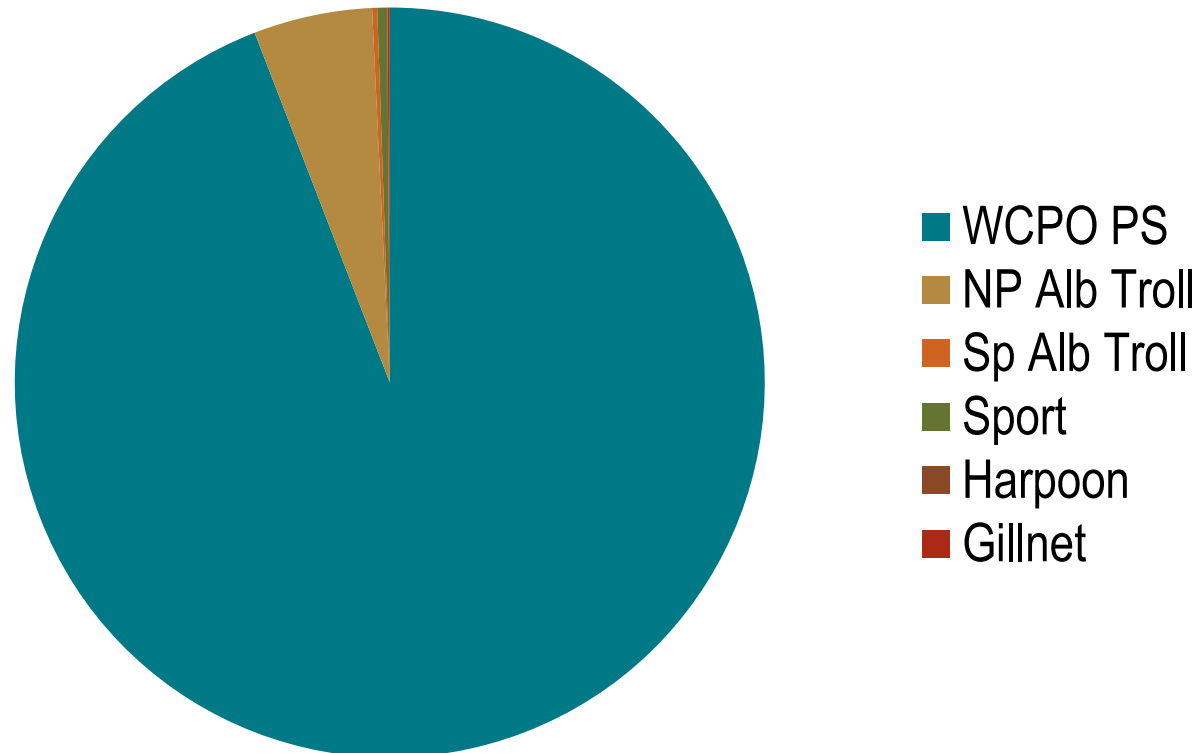
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Albacore Troll and Pole-and-Line
WCPO Purse Seine (Yellowfin, Skipjack, Bigeye)
EPO Purse Seine (Yellowfin, Skipjack, Bigeye, Bluefin)
California Longline (Yellowfin, Bigeye)
California Sport (Yellowfin, Bluefin)
Oregon & Washington Sport (Albacore)

Domestic Pacific Tuna Fisheries Data

Fishery	Landings	Logbooks	Size Composition	Observer
North Pacific Albacore Troll	P/S	F	D	
South Pacific Albacore Troll	P/S	F		
WCPO Purse Seine	C	I	D	I
EPO Purse Seine	C/P	I		I
Longline	H	F	O	F
California HMS Sport		S	D (PBF)	
Albacore Sport (OR/WA)		F		
LEGEND	P – PacFIN C – cannery H - Hawaii	F – federal S – state I – international	O – observer D – dock-side	

2011 USA HMS Landings from Fisheries Data Sets Managed by SWFSC



- ## Strengths

- SWFSC has a distinguished history of data management of tuna fisheries data
- Innovative collection and management techniques are being used.

- ## Challenges

- <100% Logbook coverage
- Reliable catch estimates from recreational fisheries are difficult to find
- Gear coding issues
- Data collection and management have not kept up with changes in fisheries and technology.
- Lack of control over the data collection process. WCPO PS data are collected by PIRO and managed by SWFSC

- ## Strategies

- Find ways to improve the collection process
- Provide additional services for delivery of data through remote options
- Transfer data management of the WCPO PS fishery to PIRO or PIFSC